



## Almanac Emission Projection Data (Published in 2005)

### Reactive Organic Gases Projected Emission Inventory

#### NEVADA COUNTY

REPORT TYPE: GROWN AND CONTROLLED

SEASON: ANNUAL AVERAGE

BASE YEAR: 2004

All emissions are represented in Tons per Day and reflect the most current data provided to ARB

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MOBILE SOURCES					
SUMMARY CATEGORY NAME	2000	2005	2010	2015	2020
<b>ON-ROAD MOTOR VEHICLES</b>					
LIGHT DUTY PASSENGER (LDA)	1.452	1.091	0.681	0.428	0.301
LIGHT DUTY TRUCKS - 1 (LDT1)	1.072	0.928	0.689	0.504	0.371
LIGHT DUTY TRUCKS - 2 (LDT2)	0.546	0.496	0.409	0.318	0.261
MEDIUM DUTY TRUCKS (MDV)	0.476	0.435	0.368	0.303	0.250
LIGHT HEAVY DUTY GAS TRUCKS - 1 (LHDV1)	0.299	0.116	0.065	0.050	0.049
LIGHT HEAVY DUTY GAS TRUCKS - 2 (LHDV2)	0.025	0.019	0.013	0.013	0.010
MEDIUM HEAVY DUTY GAS TRUCKS (MHDV)	0.172	0.112	0.074	0.043	0.025
HEAVY HEAVY DUTY GAS TRUCKS (HHDV)	0.109	0.089	0.075	0.060	0.041

LIGHT HEAVY DUTY DIESEL TRUCKS - 1 (LHDV1)	0.004	0.006	0.005	0.004	0.003
LIGHT HEAVY DUTY DIESEL TRUCKS - 2 (LHDV2)	0.004	0.004	0.004	0.003	0.002
MEDIUM HEAVY DUTY DIESEL TRUCKS (MHDV)	0.008	0.008	0.007	0.005	0.004
HEAVY HEAVY DUTY DIESEL TRUCKS (HHDV)	0.059	0.046	0.034	0.025	0.018
MOTORCYCLES (MCY)	0.159	0.120	0.089	0.066	0.055
HEAVY DUTY DIESEL URBAN BUSES (UB)	0.003	0.003	0.003	0.003	0.003
HEAVY DUTY GAS URBAN BUSES (UB)	0.027	0.023	0.021	0.019	0.019
SCHOOL BUSES (SB)	0.007	0.003	0.003	0.003	0.003
MOTOR HOMES (MH)	0.039	0.034	0.025	0.014	0.007
<b>* TOTAL ON-ROAD MOTOR VEHICLES</b>	<b>4.461</b>	<b>3.532</b>	<b>2.565</b>	<b>1.858</b>	<b>1.422</b>
<b>OTHER MOBILE SOURCES</b>					
AIRCRAFT	0.049	0.049	0.049	0.049	0.049
TRAINS	0.051	0.053	0.049	0.049	0.049
RECREATIONAL BOATS	1.800	1.366	0.901	0.609	0.488
OFF-ROAD RECREATIONAL VEHICLES	2.228	2.418	2.606	2.800	3.001
OFF-ROAD EQUIPMENT	0.658	0.488	0.386	0.336	0.298
FARM EQUIPMENT	0.047	0.041	0.032	0.023	0.017
FUEL STORAGE AND HANDLING	0.298	0.105	0.093	0.099	0.106
<b>* TOTAL OTHER MOBILE SOURCES</b>	<b>5.132</b>	<b>4.520</b>	<b>4.115</b>	<b>3.964</b>	<b>4.007</b>
<b>** TOTAL MOBILE SOURCES</b>	<b>9.593</b>	<b>8.052</b>	<b>6.679</b>	<b>5.822</b>	<b>5.429</b>
<b>GRAND TOTAL FOR NEVADA</b>	<b>9.593</b>	<b>8.052</b>	<b>6.679</b>	<b>5.822</b>	<b>5.429</b>

\* Emissions from natural sources are excluded.

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## Almanac Emission Projection Data (Published in 2005)

### Oxides of Sulfur Projected Emission Inventory

#### NEVADA COUNTY

REPORT TYPE: GROWN AND CONTROLLED

SEASON: ANNUAL AVERAGE

BASE YEAR: 2004

All emissions are represented in Tons per Day and reflect the most current data provided to ARB

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MOBILE SOURCES					
SUMMARY CATEGORY NAME	2000	2005	2010	2015	2020
<b>ON-ROAD MOTOR VEHICLES</b>					
LIGHT DUTY PASSENGER (LDA)	0.005	0.004	0.005	0.006	0.006
LIGHT DUTY TRUCKS - 1 (LDT1)	0.004	0.004	0.004	0.004	0.005
LIGHT DUTY TRUCKS - 2 (LDT2)	0.003	0.002	0.003	0.003	0.003
MEDIUM DUTY TRUCKS (MDV)	0.003	0.002	0.003	0.003	0.003
LIGHT HEAVY DUTY GAS TRUCKS - 1 (LHDV1)	0.001	0.001	0.001	0.000	0.000
LIGHT HEAVY DUTY GAS TRUCKS - 2 (LHDV2)	0.000	0.000	0.000	0.000	0.000
MEDIUM HEAVY DUTY GAS TRUCKS (MHDV)	0.000	0.000	0.000	0.000	0.000
HEAVY HEAVY DUTY GAS TRUCKS (HHDV)	0.000	0.000	0.000	0.000	0.000

LIGHT HEAVY DUTY DIESEL TRUCKS - 1 (LHDV1)	0.001	0.001	0.000	0.000	0.000
LIGHT HEAVY DUTY DIESEL TRUCKS - 2 (LHDV2)	0.001	0.000	0.000	0.000	0.000
MEDIUM HEAVY DUTY DIESEL TRUCKS (MHDV)	0.003	0.003	0.000	0.000	0.000
HEAVY HEAVY DUTY DIESEL TRUCKS (HHDV)	0.009	0.009	0.001	0.001	0.001
MOTORCYCLES (MCY)	0.000	0.000	0.000	0.000	0.000
HEAVY DUTY DIESEL URBAN BUSES (UB)	0.001	0.001	0.000	0.000	0.000
HEAVY DUTY GAS URBAN BUSES (UB)	0.000	0.000	0.000	0.000	0.000
SCHOOL BUSES (SB)	0.000	0.000	0.000	0.000	0.000
MOTOR HOMES (MH)	0.000	0.000	0.000	0.000	0.001
<b>* TOTAL ON-ROAD MOTOR VEHICLES</b>	0.031	0.027	0.017	0.017	0.019
<b>OTHER MOBILE SOURCES</b>					
AIRCRAFT	0.001	0.001	0.001	0.001	0.001
TRAINS	0.110	0.119	0.128	0.138	0.149
RECREATIONAL BOATS	0.004	0.004	0.004	0.005	0.005
OFF-ROAD RECREATIONAL VEHICLES	0.001	0.001	0.001	0.001	0.001
OFF-ROAD EQUIPMENT	0.002	0.002	0.002	0.002	0.002
FARM EQUIPMENT	0.002	0.002	0.000	0.000	0.000
FUEL STORAGE AND HANDLING	0.000	0.000	0.000	0.000	0.000
<b>* TOTAL OTHER MOBILE SOURCES</b>	0.119	0.129	0.137	0.148	0.159
<b>** TOTAL MOBILE SOURCES</b>	0.150	0.156	0.154	0.165	0.178
<b>GRAND TOTAL FOR NEVADA</b>	0.150	0.156	0.154	0.165	0.178

\* Emissions from natural sources are excluded.

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## Almanac Emission Projection Data (Published in 2005)

### Carbon Monoxide Projected Emission Inventory

#### NEVADA COUNTY

REPORT TYPE: GROWN AND CONTROLLED  
 SEASON: ANNUAL AVERAGE  
 BASE YEAR: 2004

All emissions are represented in Tons per Day and reflect the most current data provided to ARB  
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MOBILE SOURCES					
SUMMARY CATEGORY NAME	2000	2005	2010	2015	2020
<b>ON-ROAD MOTOR VEHICLES</b>					
LIGHT DUTY PASSENGER (LDA)	10.783	8.500	5.476	3.445	2.365
LIGHT DUTY TRUCKS - 1 (LDT1)	10.787	8.699	6.010	3.893	2.543
LIGHT DUTY TRUCKS - 2 (LDT2)	5.749	4.685	3.509	2.480	1.843
MEDIUM DUTY TRUCKS (MDV)	4.839	3.987	3.106	2.351	1.827
LIGHT HEAVY DUTY GAS TRUCKS - 1 (LHDV1)	2.202	0.752	0.368	0.233	0.170
LIGHT HEAVY DUTY GAS TRUCKS - 2 (LHDV2)	0.261	0.141	0.082	0.053	0.034
MEDIUM HEAVY DUTY GAS TRUCKS (MHDV)	1.341	0.812	0.506	0.297	0.159
HEAVY HEAVY DUTY GAS TRUCKS (HHDV)	1.632	1.206	0.890	0.590	0.318



LIGHT HEAVY DUTY DIESEL TRUCKS - 1 (LHDV1)	0.011	0.019	0.018	0.015	0.013
LIGHT HEAVY DUTY DIESEL TRUCKS - 2 (LHDV2)	0.012	0.012	0.011	0.009	0.007
MEDIUM HEAVY DUTY DIESEL TRUCKS (MHDV)	0.055	0.053	0.050	0.043	0.037
HEAVY HEAVY DUTY DIESEL TRUCKS (HHDV)	0.272	0.208	0.153	0.112	0.091
MOTORCYCLES (MCY)	0.992	0.983	0.744	0.524	0.411
HEAVY DUTY DIESEL URBAN BUSES (UB)	0.009	0.009	0.009	0.008	0.007
HEAVY DUTY GAS URBAN BUSES (UB)	0.316	0.271	0.237	0.166	0.124
SCHOOL BUSES (SB)	0.107	0.064	0.054	0.035	0.028
MOTOR HOMES (MH)	1.188	0.995	0.656	0.340	0.137
<b>* TOTAL ON-ROAD MOTOR VEHICLES</b>	<b>40.556</b>	<b>31.396</b>	<b>21.879</b>	<b>14.594</b>	<b>10.114</b>
<b>OTHER MOBILE SOURCES</b>					
AIRCRAFT	1.653	1.653	1.653	1.653	1.653
TRAINS	0.185	0.200	0.216	0.233	0.251
RECREATIONAL BOATS	5.942	5.245	4.392	3.840	3.737
OFF-ROAD RECREATIONAL VEHICLES	7.611	8.293	8.938	9.604	10.295
OFF-ROAD EQUIPMENT	5.221	4.611	4.302	4.135	4.245
FARM EQUIPMENT	0.337	0.309	0.276	0.266	0.256
FUEL STORAGE AND HANDLING	0.000	0.000	0.000	0.000	0.000
<b>* TOTAL OTHER MOBILE SOURCES</b>	<b>20.949</b>	<b>20.311</b>	<b>19.777</b>	<b>19.731</b>	<b>20.438</b>
<b>** TOTAL MOBILE SOURCES</b>	<b>61.505</b>	<b>51.706</b>	<b>41.656</b>	<b>34.325</b>	<b>30.552</b>
<b>GRAND TOTAL FOR NEVADA</b>	<b>61.505</b>	<b>51.706</b>	<b>41.656</b>	<b>34.325</b>	<b>30.552</b>

\* Emissions from natural sources are excluded.

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## Almanac Emission Projection Data (Published in 2005)

### Oxides of Nitrogen Projected Emission Inventory

#### NEVADA COUNTY

REPORT TYPE: GROWN AND CONTROLLED

SEASON: ANNUAL AVERAGE

BASE YEAR: 2004

All emissions are represented in Tons per Day and reflect the most current data provided to ARB

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MOBILE SOURCES					
SUMMARY CATEGORY NAME	2000	2005	2010	2015	2020
<b>ON-ROAD MOTOR VEHICLES</b>					
LIGHT DUTY PASSENGER (LDA)	1.032	0.774	0.484	0.291	0.191
LIGHT DUTY TRUCKS - 1 (LDT1)	0.991	0.777	0.530	0.345	0.230
LIGHT DUTY TRUCKS - 2 (LDT2)	0.750	0.616	0.455	0.311	0.219
MEDIUM DUTY TRUCKS (MDV)	0.712	0.596	0.455	0.324	0.230
LIGHT HEAVY DUTY GAS TRUCKS - 1 (LHDV1)	0.123	0.081	0.081	0.073	0.066
LIGHT HEAVY DUTY GAS TRUCKS - 2 (LHDV2)	0.031	0.020	0.017	0.014	0.012
MEDIUM HEAVY DUTY GAS TRUCKS (MHDV)	0.079	0.060	0.042	0.028	0.018
HEAVY HEAVY DUTY GAS TRUCKS (HHDV)	0.194	0.161	0.117	0.074	0.041

LIGHT HEAVY DUTY DIESEL TRUCKS - 1 (LHDV1)	0.100	0.104	0.068	0.039	0.025
LIGHT HEAVY DUTY DIESEL TRUCKS - 2 (LHDV2)	0.080	0.062	0.042	0.025	0.015
MEDIUM HEAVY DUTY DIESEL TRUCKS (MHDV)	0.311	0.284	0.212	0.133	0.081
HEAVY HEAVY DUTY DIESEL TRUCKS (HHDV)	1.077	0.874	0.651	0.407	0.243
MOTORCYCLES (MCY)	0.028	0.030	0.025	0.022	0.020
HEAVY DUTY DIESEL URBAN BUSES (UB)	0.054	0.057	0.054	0.047	0.039
HEAVY DUTY GAS URBAN BUSES (UB)	0.033	0.032	0.030	0.031	0.031
SCHOOL BUSES (SB)	0.035	0.038	0.038	0.037	0.035
MOTOR HOMES (MH)	0.106	0.107	0.097	0.074	0.054
<b>* TOTAL ON-ROAD MOTOR VEHICLES</b>	<b>5.736</b>	<b>4.673</b>	<b>3.398</b>	<b>2.275</b>	<b>1.550</b>
<b>OTHER MOBILE SOURCES</b>					
AIRCRAFT	0.006	0.006	0.006	0.006	0.006
TRAINS	1.425	1.057	0.908	0.924	0.919
RECREATIONAL BOATS	0.134	0.252	0.267	0.235	0.216
OFF-ROAD RECREATIONAL VEHICLES	0.143	0.158	0.170	0.183	0.196
OFF-ROAD EQUIPMENT	1.556	1.413	1.132	0.836	0.712
FARM EQUIPMENT	0.336	0.283	0.229	0.174	0.138
FUEL STORAGE AND HANDLING	0.000	0.000	0.000	0.000	0.000
<b>* TOTAL OTHER MOBILE SOURCES</b>	<b>3.600</b>	<b>3.169</b>	<b>2.713</b>	<b>2.358</b>	<b>2.187</b>
<b>** TOTAL MOBILE SOURCES</b>	<b>9.336</b>	<b>7.842</b>	<b>6.111</b>	<b>4.633</b>	<b>3.737</b>
<b>GRAND TOTAL FOR NEVADA</b>	<b>9.336</b>	<b>7.842</b>	<b>6.111</b>	<b>4.633</b>	<b>3.737</b>

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## Almanac Emission Projection Data (Published in 2005)

### Total Organic Gases Projected Emission Inventory

#### NEVADA COUNTY

REPORT TYPE: GROWN AND CONTROLLED  
 SEASON: ANNUAL AVERAGE  
 BASE YEAR: 2004

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MOBILE SOURCES					
SUMMARY CATEGORY NAME	2000	2005	2010	2015	2020
<b>ON-ROAD MOTOR VEHICLES</b>					
LIGHT DUTY PASSENGER (LDA)	1.544	1.164	0.728	0.454	0.318
LIGHT DUTY TRUCKS - 1 (LDT1)	1.145	0.991	0.736	0.534	0.390
LIGHT DUTY TRUCKS - 2 (LDT2)	0.589	0.534	0.439	0.338	0.275
MEDIUM DUTY TRUCKS (MDV)	0.516	0.471	0.398	0.325	0.266
LIGHT HEAVY DUTY GAS TRUCKS - 1 (LHDV1)	0.322	0.124	0.069	0.053	0.051
LIGHT HEAVY DUTY GAS TRUCKS - 2 (LHDV2)	0.027	0.020	0.014	0.013	0.010
MEDIUM HEAVY DUTY GAS TRUCKS (MHDV)	0.184	0.119	0.078	0.045	0.026
HEAVY HEAVY DUTY GAS TRUCKS (HHDV)	0.120	0.098	0.082	0.064	0.043

LIGHT HEAVY DUTY DIESEL TRUCKS - 1 (LHDV1)	0.005	0.007	0.006	0.004	0.003
LIGHT HEAVY DUTY DIESEL TRUCKS - 2 (LHDV2)	0.005	0.005	0.004	0.003	0.002
MEDIUM HEAVY DUTY DIESEL TRUCKS (MHDV)	0.009	0.009	0.008	0.006	0.005
HEAVY HEAVY DUTY DIESEL TRUCKS (HHDV)	0.067	0.052	0.039	0.028	0.021
MOTORCYCLES (MCY)	0.167	0.128	0.097	0.073	0.062
HEAVY DUTY DIESEL URBAN BUSES (UB)	0.003	0.003	0.003	0.003	0.003
HEAVY DUTY GAS URBAN BUSES (UB)	0.031	0.028	0.026	0.024	0.024
SCHOOL BUSES (SB)	0.008	0.004	0.003	0.003	0.003
MOTOR HOMES (MH)	0.044	0.039	0.030	0.017	0.009
<b>* TOTAL ON-ROAD MOTOR VEHICLES</b>	<b>4.786</b>	<b>3.796</b>	<b>2.760</b>	<b>1.987</b>	<b>1.511</b>
<b>OTHER MOBILE SOURCES</b>					
AIRCRAFT	0.055	0.055	0.055	0.055	0.055
TRAINS	0.058	0.061	0.056	0.056	0.056
RECREATIONAL BOATS	1.947	1.476	0.971	0.654	0.522
OFF-ROAD RECREATIONAL VEHICLES	2.417	2.622	2.826	3.037	3.256
OFF-ROAD EQUIPMENT	0.724	0.538	0.423	0.367	0.327
FARM EQUIPMENT	0.054	0.046	0.036	0.026	0.019
FUEL STORAGE AND HANDLING	0.298	0.105	0.093	0.099	0.106
<b>* TOTAL OTHER MOBILE SOURCES</b>	<b>5.553</b>	<b>4.903</b>	<b>4.459</b>	<b>4.293</b>	<b>4.339</b>
<b>** TOTAL MOBILE SOURCES</b>	<b>10.339</b>	<b>8.699</b>	<b>7.219</b>	<b>6.280</b>	<b>5.850</b>
<b>GRAND TOTAL FOR NEVADA</b>	<b>10.339</b>	<b>8.699</b>	<b>7.219</b>	<b>6.280</b>	<b>5.850</b>

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